

WHAT IS CLAIMED IS:

1. A method for providing a security function with a user, comprising:
imprinting the user with at least one cryptographic primitive determined from a sensory mechanism; and
at least one of authorizing, identifying or authenticating the user according to an ability to recall said at least one cryptographic primitive.
2. The method of claim 1, wherein said imprinting comprises implicit learning by the user.
3. The method of claim 2, wherein said at least one cryptographic primitive is used to encrypt a message according to a one-way function.
4. The method of claim 2, wherein a one-time pad comprises said at least one cryptographic primitive.
5. The method of claim 2, wherein a near-zero knowledge function comprises said at least one cryptographic primitive.
6. The method of claim 2, wherein said sensory mechanism comprises vision, such that said at least one cryptographic primitive comprises recognizing an image.
7. The method of claim 6, wherein said recognizing said image comprises:
training the user on a plurality of trained images; and
testing the user on a combination of a trained image with at least one distractor image.
8. The method of claim 7, wherein said at least one distractor image comprises a plurality of distractor images.
9. The method of claim 7, wherein said testing comprises:
selecting a plurality of different trained images by the user in sequence, said sequence providing said cryptographic primitive for determining said at least one of authorizing, identifying or authenticating the user.

10. A method for authenticating, authorizing or identifying a user, comprising:
training the user with information through a sensory mechanism; and
determining accurate recall of said information to authenticate, authorize or identify the user.
11. A method for a one-way function for authenticating, authorizing or identifying a user, comprising:
imprinting the user with a cryptographic primitive; and
testing said imprinting with at least a similar or identical cryptographic primitive to authenticate, authorize or identify the user.
12. The method of claim 11, wherein said cryptographic primitive is derived from input according to a sensory mechanism.
13. The method of claim 12, wherein said input comprises at least one image and said sensory mechanism is visual.
14. The method of claim 12, wherein said input comprises at least one pseudoword and said sensory mechanism is verbal.
15. The method of claim 12, wherein said sensory mechanism is selected from the group consisting of tactile, olfactory, audible and taste.
16. The method of claim 11, wherein said testing comprises determining whether the user is capable of discriminating between an imprinted cryptographic primitive and a non-imprinted cryptographic primitive.